

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

(MBHB Case No. 03-461)

(Honeywell Ref. No. H0004883-1600) ✓

In re Application of:

Romney R. Katti

Serial No.: TBA

10/754, 935

Group Art. Unit: TBA

Filed: January 10, 2004

Examiner: TBA

For: Bias-Adjusted Magnetoresistive
Devices for Magnetic Random
Access Memory (MRAM) Applications

TRANSMITTAL LETTER

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

In regard to the above-identified patent application:

1. We are transmitting herewith the attached:
 - a) Transmittal Letter in Duplicate;
 - b) Information Disclosure Statement Under 37 C.F.R. §1.97(b);
 - c) PTO Form 1449; and
 - d) Five (5) Cited References.
2. GENERAL AUTHORIZATION: Please charge any additional fees or credit overpayments to the Deposit Account No. 13-2490. A duplicate copy of this sheet is enclosed.
3. CERTIFICATE OF MAILING UNDER 37 CFR § 1.8: The undersigned hereby certifies that this Transmittal Letter and the paper, as described in paragraph 1 hereinabove, are being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. box 1450, Alexandria, VA 22313-1450 on this 6th day of April 2004.

Respectfully submitted,

Dennis D. Crouch
Reg. No. 55,091

Dated: April 6, 2004

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PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE
Honeywell Case No. H0004883-1600
(MBHB Case No. 03-461)

In application of:)	
)	
Romney R. Katti et al.)	
)	Examiner: TBA
Serial No.: TBA)	
)	Group Art Unit: TBA
Filed: January 10, 2004)	
)	
For: Bias-Adjusted Magnetoresistive Devices for)	
Magnetic Random Access Memory)	
(MRAM) Applications)	

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

Pursuant to 37 C.F.R. Section 1.97 - 1.99, the Applicant wishes to make the following references of record in the above-identified application. This Information Disclosure Statement is in compliance with the continuing duty of candor as set forth in 37 C.F.R. Section 1.56. Copies of the references cited below are enclosed. These references are also listed on the enclosed PTO Form 1449.

In the judgment of the undersigned, portions of the listed references may be material to the Examiner's consideration of the presently pending claims. However, the references have not been reviewed in sufficient detail to make any other representation and, in particular, no representation is intended as to the relative relevance between references, whether cited in this or prior statements. This statement is not a representation that the listed references have effective dates early enough to be "prior art" within the meaning of 35 U.S.C. Section 102 or Section 103.

United States Patents

1. U.S. Patent No. 6,147,922, issued November 14, 2000.
2. U.S. Patent No. 6,175,525 B1, issued January 16, 2001.
3. U.S. Patent No. 6,178,111 B1, issued January 23, 2001.
4. U.S. Patent No. 6,493,258 B1, issued December 10, 2002.

II. OTHER DOCUMENTS - Including Author, Title, Date, Pertinent Pages, Etc.

5. Daughton, "Magnetoresistive Random Access Memory (MRAM)," pp1-13 (February 4, 2000)

This Information Disclosure Statement is being filed:

- ☒ within three months of the filing date of a national application; within three months of the date of entry into the national stage as set forth in 37 C.F.R. § 1.491 in an international application; or before the mailing date of a first Office Action on the merits. 37 C.F.R. § 1.97 (b)
- ☐ **after** three months of the filing date of a national application, or the date of entry into the national stage as set forth in 37 C.F.R. § 1.491 in an international application; or **after** the mailing date of a first Office Action on the merits, but **before** the mailing date of a Final Action under 37 C.F.R. § 1.113 or a Notice of Allowance under 37 C.F.R. § 1.311 (whichever occurs first), and includes (37 C.F.R. § 1.97 (c):
- ☐ the Certification under 37 C.F.R. § 1.97(e) (see "Certification" below)

OR

- ☐ the fee of \$_____ set forth in 37 C.F.R. § 1.17(p) (see "Fees" below).
- ☐ **after** a Final Action under 37 C.F.R. § 1.113 or a Notice of Allowance under 37 C.F.R. § 1.311 (whichever occurs first), but before, or simultaneously with, the payment of the issue fee, and includes the Certification under 37 C.F.R. § 1.97(e) (see "Certification" below), and the Petition Fee set forth in 37 C.F.R. § 1.17(i) (see "Fees" and "Method of Payment of Fees" below). Applicants hereby petitions for consideration of the Information Disclosure Statement submitted herewith and the accompanying references in examination of the subject patent application.

CERTIFICATION

- ☐ The **undersigned** hereby certifies that each item of information contained in the Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign patent application not more than three months prior to the filing of the Information Disclosure Statement.
- ☒ The **undersigned** hereby certifies that no item of information contained in the Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign patent application or, to the knowledge of the person signing the certification after making reasonable inquiry, was known to any individual designated in 37 C.F.R. § 1.56(c) more than three months prior to the filing of the Information Disclosure Statement.


FEES

- ☒ No fee is owed by the applicant(s).
- ☐ The **IDS Fee of \$0** under 37 C.F.R. § 1.17(p) is enclosed herewith.

Please charge any underpayment or credit any overpayment in connection with this communication to Deposit Account No. 13-2490. A duplicate copy of this communication is enclosed for this purpose.

Respectfully submitted,

Date: April 6, 2004



Dennis D. Crouch
Registration No. 55,091

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Form PTO-1449 U.S. Department of Commerce
Patent and Trademark Office

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**



Honeywell Ref. No.
H0005514-1600

Serial No.

TBA

MBHB Case No. 03-461

Applicant: Katti, et al.

Filing Date:
January 10, 2004

Group: TBA

U.S. PATENT DOCUMENTS

Examiner Initial	No.	Document Number	Date	Name	Class	Subclass	Filing Date
	1.	6,147,922	11/14/00	Hurst			
	2.	6,175,525 B1	1/16/01	Fulkerson			
	3.	6,178,111 B1	1/23/01	Sather			
	4.	6,493,258 B1	12/10/02	Lu			

FOREIGN PATENT DOCUMENTS

Examiner Initial	No.	Document Number	Date	Country	Class	Subclass	Translation	
							Yes	No

OTHER DOCUMENTS - Including Author, Title, Date, Pertinent Pages, Etc.

Examiner Initial	No.	
	5.	Daughton, "Magnetoresistive Random Access Memory (MRAM)," pp1-13 (February 4, 2000)

Examiner

Date Considered

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with any communication.